

Form PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 074273/0181	SERIAL NO. Unassigned
INFORMATION DISCLOSURE CITATION		APPLICANT Takahiro KUMURA	
(Use several sheets if necessary)		FILING DATE 2/09/2001	GROUP ART UNIT Unassigned



U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
QG	A1	6,005,889	12/99	Chung et al.	375	208	
QG	A2	5,579,338	11/96	Kojima	375	208	
QG	A3	6,094,449	07/00	Komatsu	375	136	

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
							YES	NO
QG	A4	2672769	07/97	Japan				Abst.
QG	A5	2850959	11/98	Japan				Abst.
QG	A6	11-88229	03/99	Japan				Abst.
QG	A7	11-313382	11/99	Japan				Abst.
QG	A8	2698506	09/97	Japan				Abst.

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

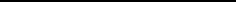
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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	09/779,566
Date Submitted: September 23, 2002		Filing Date	February 9, 2001
(use as many sheets as necessary)		First Named Inventor	Takahiro KUMURA
Sheet	1	Group Art Unit	2631
	of 1	Examiner Name	Unknown
		Attorney Docket Number	074273/0181

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ⁶

Examiner Signature		Date Considered 6/2/04	
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¹ Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

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<p>Substitute for form 1449B/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>Date Submitted: December 15, 2003 (use as many sheets as necessary)</p> <p>Sheet 1 of 1</p>				<p>Complete if Known</p> <table border="1"> <tr> <td>Application Number</td> <td>09/779,566</td> </tr> <tr> <td>Filing Date</td> <td>February 9, 2001</td> </tr> <tr> <td>First Named Inventor</td> <td>Takahiro KUMURA</td> </tr> <tr> <td>Group Art Unit</td> <td>2631</td> </tr> <tr> <td>Examiner Name</td> <td>Unknown</td> </tr> <tr> <td>Attorney Docket Number</td> <td>074273/0181</td> </tr> </table> <div style="text-align: right; margin-top: -20px;">  </div>		Application Number	09/779,566	Filing Date	February 9, 2001	First Named Inventor	Takahiro KUMURA	Group Art Unit	2631	Examiner Name	Unknown	Attorney Docket Number	074273/0181
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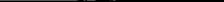
U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office ³	Number ⁴	Kind Code ⁵ (if known)			
45	A2	CN	1164151A	—		11/05/1997	
95	A3	CN	1175171A	—		03/04/1998	X

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶

Examiner Signature		Date 6/30/04 Considered
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